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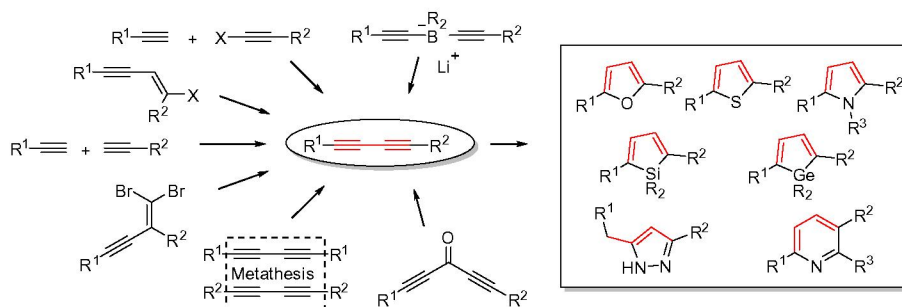
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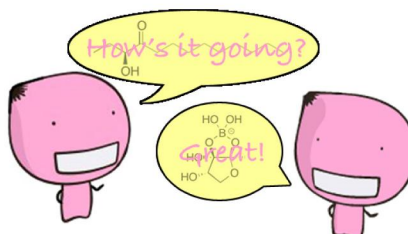
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Wei Shi*, Aiwen Lei*



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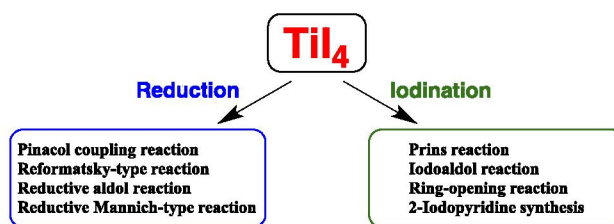
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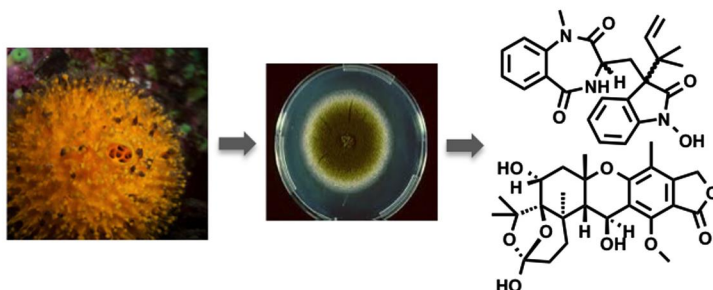


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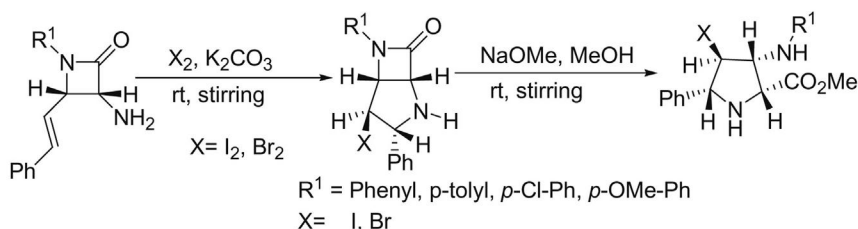
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Yogesh Kumar, Bilash Kuila, Dinesh Mahajan, Prabhpreet Singh, Balaram Mohapatra, Gaurav Bhargava*

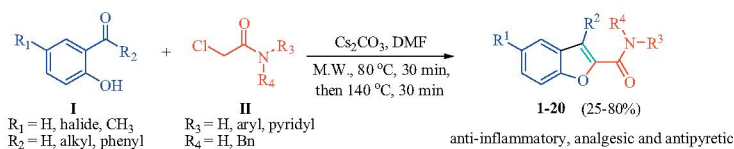


A metal-free diastereoselective synthesis of 4-halo-3,6-di-aryl-2,6-diaza-bicyclo[3.2.0]heptan-7-one by intramolecular *endo-trig* haloamination of 3-amino-2-azetidinone is reported. The amidolytic ring opening of diaza-bicyclo[3.2.0]heptan-7-one with sodium methoxide provides an easy access to previously unknown 4-halo-3-aryl amino-pyrrolidine-2-carboxylic acid methyl esters in good yields.

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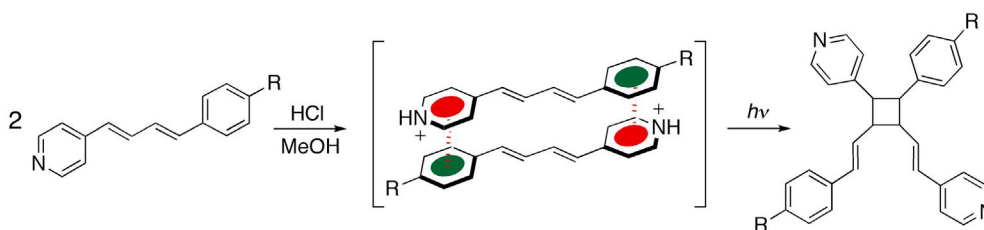
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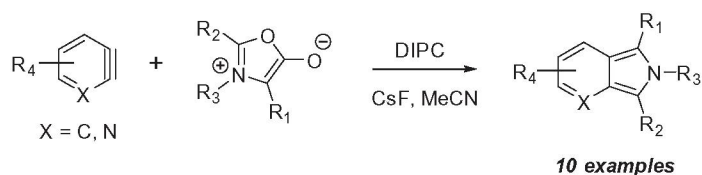
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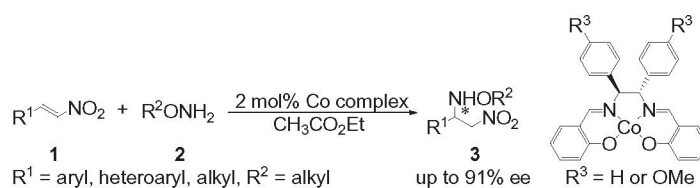
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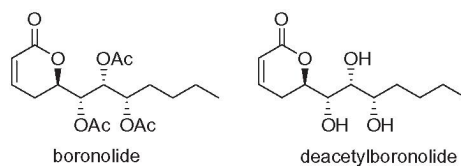
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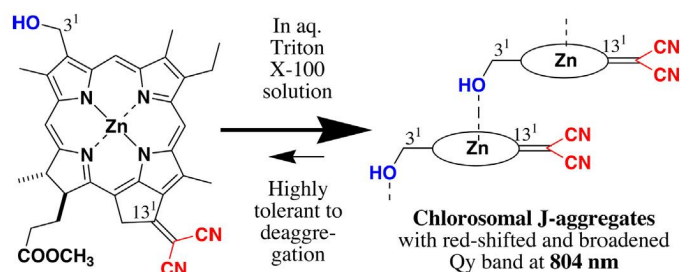
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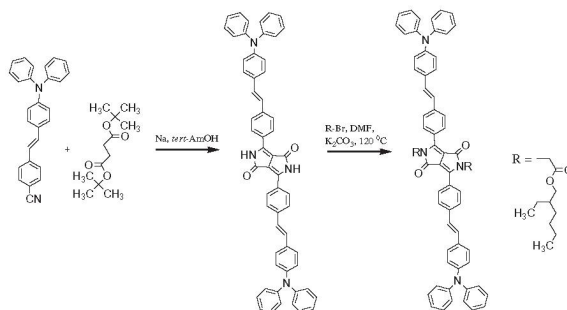
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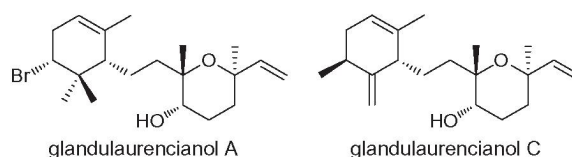
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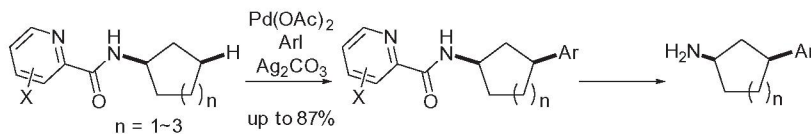
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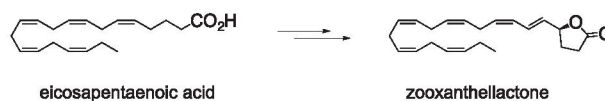
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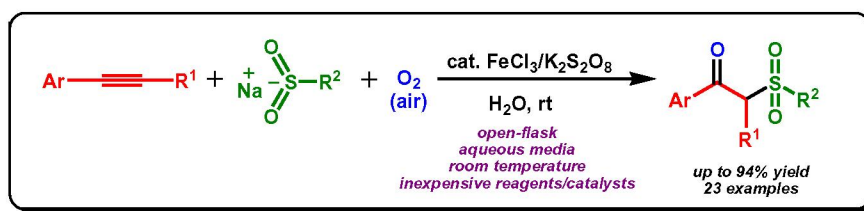
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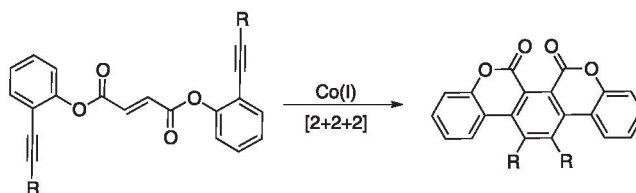
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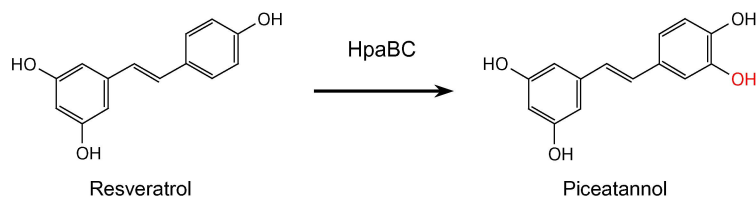
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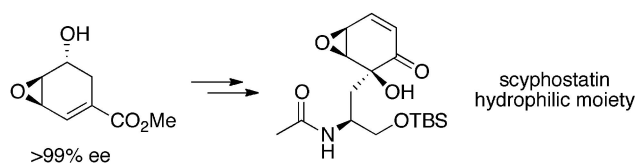
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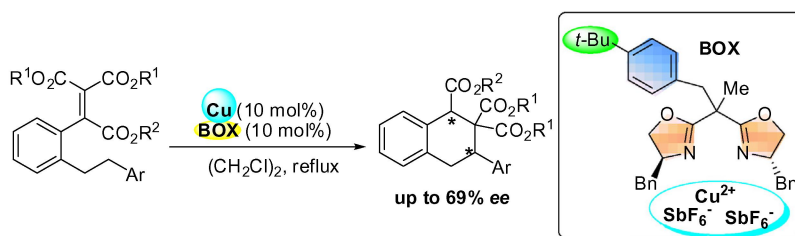
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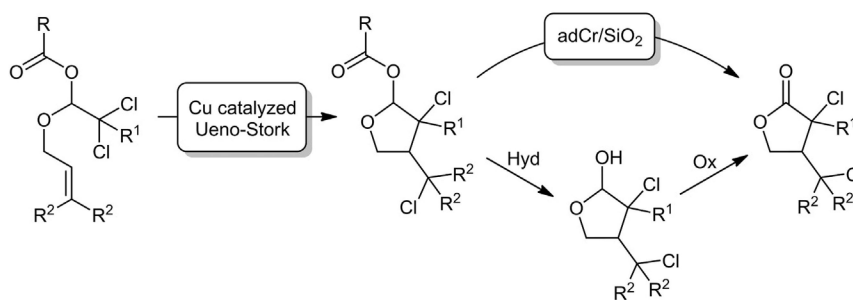

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Jie Yu*, Nan Li, Dian-Feng Chen, Shi-Wei Luo*


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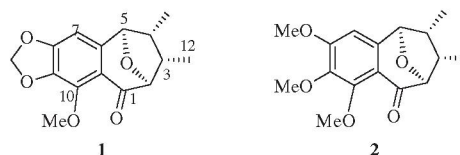
Fabrizio Roncaglia*, Franco Ghelfi, Fulvia Felluga, Valentina Poppi



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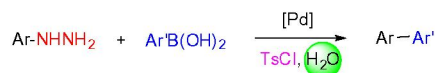
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Shi-Ji Xiao, Xin-Xiang Lei, Bing Xia, Hong-Ping Xiao, Da-Hai He, Dong-Mei Fang, Hua-Yi Qi, Fang Chen, Li-Sheng Ding*, Yan Zhou*

**Palladium-catalyzed Suzuki cross-coupling of arylhydrazines via C–NHNH₂ bond activation in water**

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Jin-Biao Liu*, He-Ping Zhou, Yi-Yuan Peng*

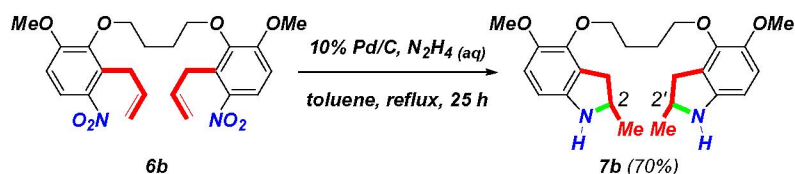


A novel palladium-catalyzed Suzuki cross-coupling reaction of arylhydrazine with aryl boronic acid is described, which affords the corresponding biaryl compounds in good yields. This transformation proceeds through a C–NHNH₂ bond activation under green conditions.

**Synthesis of oxygenated 2-methylindolines**

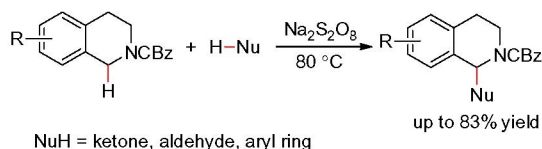
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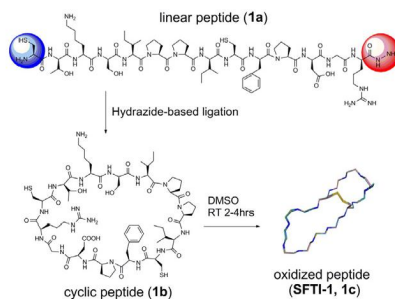
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Supplementary data available via ScienceDirect

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